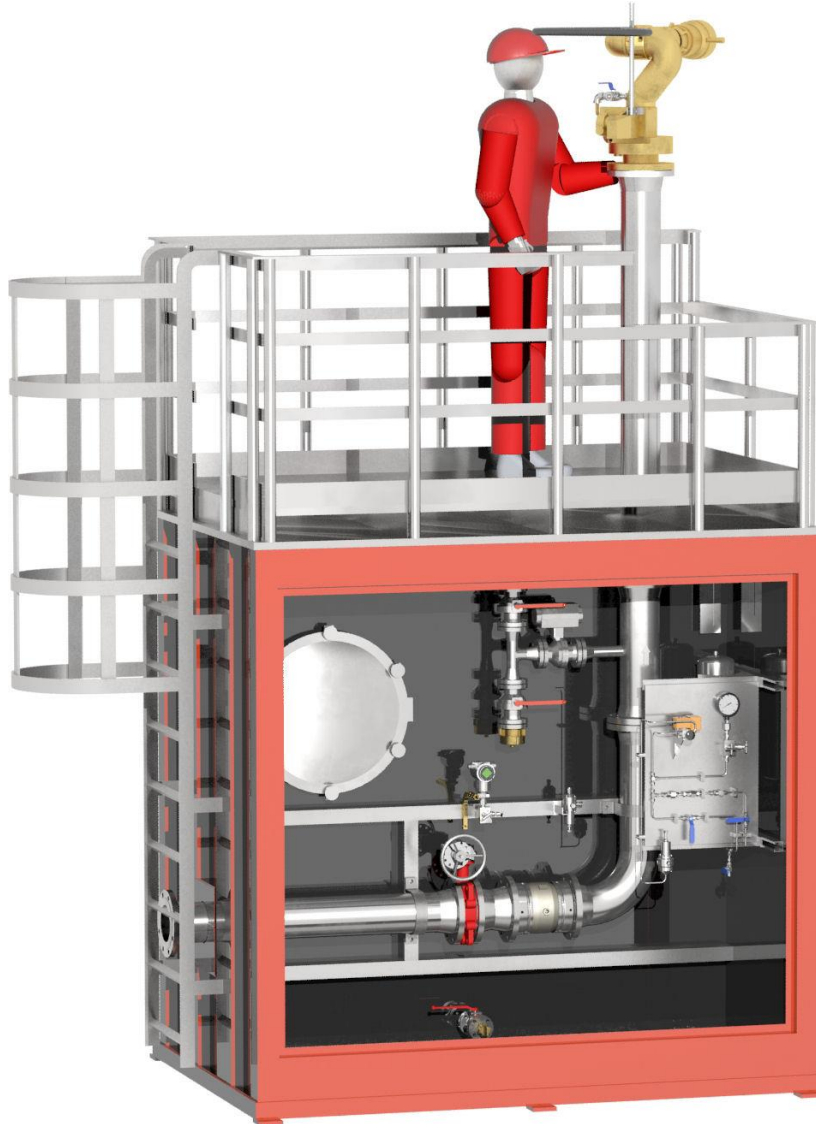


## MON-02 – Electric Remote Monitor Valve Skid <sup>w/</sup> Foam Tank and Platform



### **MON-02 – ELECTRIC REMOTE MONITOR VALVE SKID WITH FOAM TANK AND PLATFORM**

FPE AS  
PO Box 142  
N-4065 Stavanger  
Norway

Office Address :  
Kanalarmen 12,  
N-4033 Stavanger

E-mail: [post@fpe.no](mailto:post@fpe.no)

Telephone : 51 95 92 92  
Faximile :51 95 92 91  
Enterprise No: 981 990 374  
QA Certificate no: 2001-OSL-AQ-7140



## MON-02 – Electric Remote Monitor Valve Skid <sup>w</sup>/ Foam Tank and Platform

### Standard material

Cabinet:	SST AISI 316, painted externally
Piping:	Titanium gr. 2
Valve:	Titanium gr. 2
Monitor Valve:	Inbal 799 PCV, Titanium gr. 2
Monitor:	Bronze
Nozzle:	Bronze
Foam Tank:	SST AISI 316, See table below
Foam Inductor *:	Titanium gr. 2
Foam Pipe or Tubing:	SST AISI 316
Remote Control Panel:	AISI 316LSS, Zone 2

\* Induct at 1% or 3% per project requirement.

### Installation

Mount: Bolt to deck.

### Operation

**Water Only:** Open Inbal Deluge Valve manually at the skid, remotely via the platform F&G system, remote control panel, or by activating the local manual release instrument valve. The Inbal valve maintains a steady pressure and flow to the monitor, un-dependent on varying inlet pressures.

**Foam:** Requires water only operation plus opening the foam valve manually at the skid, automatically via the platform F&G system, or at the remote control panel. This model utilizes the venturi effect to pickup foam concentrate and injects it at an accurate 1% or 3% induction rate.

**Monitor:** Electric (24 VDC or 230+VAC) remote controlled with manual override on platform. Zone 2 hazardous area certified.

**Remote Control Panel:** Control rotation, elevation, and nozzle spray pattern at a safe distance from the monitor. The monitor can be adjusted from approx. 45 Degrees below horizontal to 75 Degrees above horizontal. The rotation is 360 degrees and the nozzle can be adjusted from jet to wide fog. Increase the quantity of control panels to operate the monitor from more than one location.

FPE AS  
PO Box 142  
N-4065 Stavanger  
Norway

Office Address :  
Kanalarmen 12,  
N-4033 Stavanger

E-mail: [post@fpe.no](mailto:post@fpe.no)

Telephone : 51 95 92 92  
Faximile :51 95 92 91  
Enterprise No: 981 990 374  
QA Certificate no: 2001-OSL-AQ-7140



## MON-02 – Electric Remote Monitor Valve Skid<sup>w/</sup> Foam Tank and Platform

### Options

- Piping:**
- Cunifer CU 90/10 w/ Alubronze valve
  - Super Duplex Stainless Steel
- Cabinet:**
- Insulation
  - Heater (Zone 1 Certified)
- Mount:**
- Seal weld w/ 309 filler wire (316SS to C.S.)
- Monitor:**
- Electric (Project Voltage Preference)
  - Hydraulic (Requires hydraulic power pack)
- Foam Inductor:**
- Alubronze
  - Super Duplex Stainless Steel
  - Delete foam requirement
- Foam Concentrate:**
- Project Preference
- Remote Control Panel:**
- Modify design for operation inside the platform's Control Room.
  - Increase quantity for operation from more than one location.
- Working pressure:** 20 barg (290 psig)
- Test pressure:** 30 barg (435 psig)

**Table 1: MON-02 Dimension and Flow Data**

Size	Max Flow	Required inlet pressure	Foam tank volume	Length	Height	Depth	Dry Weight
Inch	m <sup>3</sup> /hr (gpm)	Barg (psi)	Lit (gal)	mm	mm	mm	kg
6	240 (1,057)	10.5 (152)	600 (159)	2400	4370	1700	2190
4	120 (528)	10.5 (152)	1200 (317)	2400	4370	1700	2190

**Note:**

1. Flow rates are based on an approximate nozzle inlet pressure of 7 barg (100 psig).

FPE AS  
PO Box 142  
N-4065 Stavanger  
Norway

Office Address :  
Kanalarmen 12,  
N-4033 Stavanger

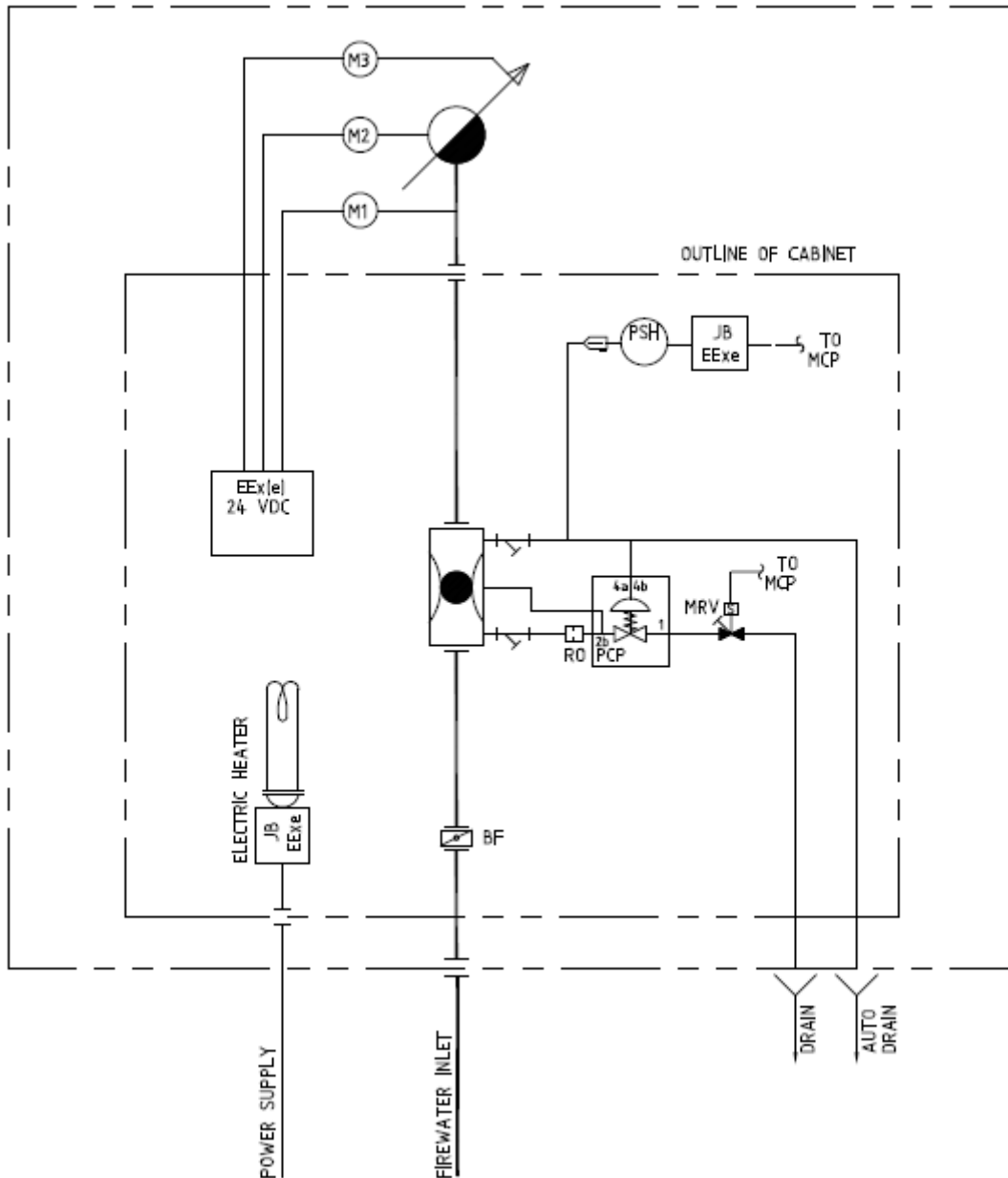
E-mail: [post@fpe.no](mailto:post@fpe.no)

Telephone : 51 95 92 92  
Faximile :51 95 92 91  
Enterprise No: 981 990 374  
QA Certificate no: 2001-OSL-AQ-7140



**MON-02 – Electric Remote Monitor Valve Skid w/ Foam Tank and Platform**

**P&ID**



Note: Heater is an option. Foam design is not depicted.

FPE AS  
PO Box 142  
N-4065 Stavanger  
Norway

Office Address :  
Kanalarmen 12,  
N-4033 Stavanger

E-mail: [post@fpe.no](mailto:post@fpe.no)

Telephone : 51 95 92 92  
Faximile :51 95 92 91  
Enterprise No: 981 990 374  
QA Certificate no: 2001-OSL-AQ-7140



Perfection  
through  
Experience



## MON-02 – Electric Remote Monitor Valve Skid <sup>w/</sup> Foam Tank and Platform



Perfection  
through  
Experience



## MON-02 – Electric Remote Monitor Valve Skid <sup>w</sup>/ Foam Tank and Platform



FPE AS  
PO Box 142  
N-4065 Stavanger  
Norway

Office Address :  
Kanalarmen 12,  
N-4033 Stavanger

E-mail: [post@fpe.no](mailto:post@fpe.no)

Telephone : 51 95 92 92  
Faximile :51 95 92 91  
Enterprise No: 981 990 374  
QA Certificate no: 2001-OSL-AQ-7140

